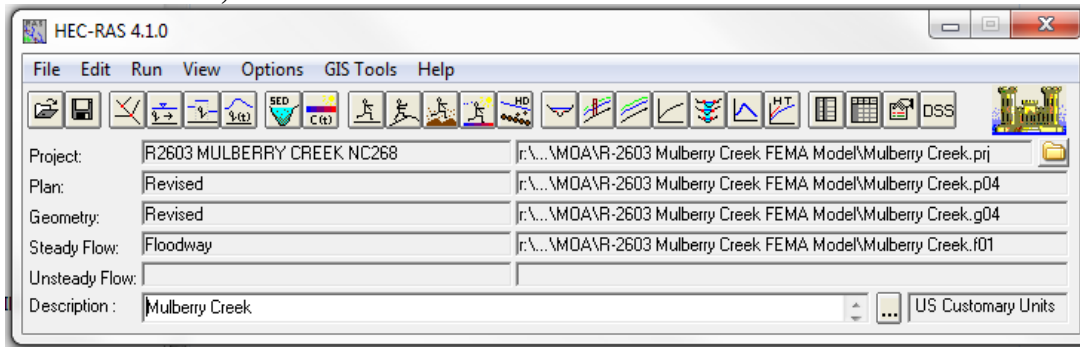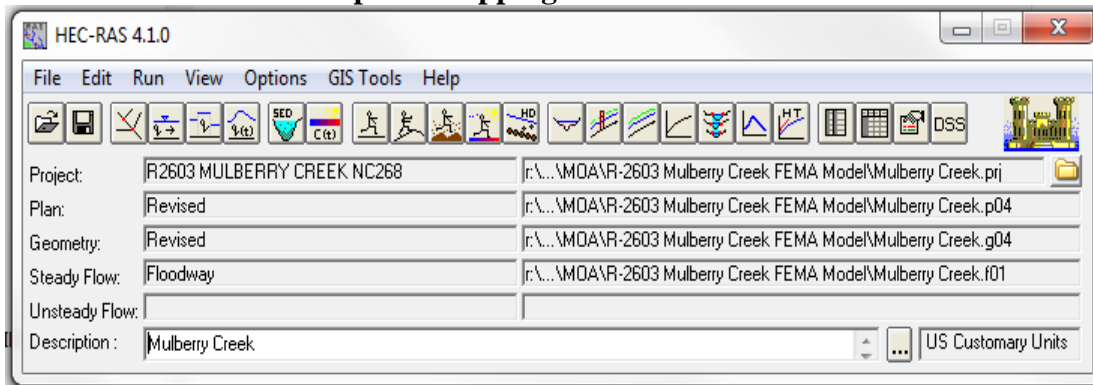## HEC-RAS Model File Nomenclature

In an effort to improve the file organization and description of our models, the following HEC-RAS File Nomenclature should be utilized.

The Project Title should contain the respective Project ID Number, the name of the stream or creek, and the Route Number.

The Project Description should remain the same as reflected in the model received from FEMA or NC Floodplain Mapping.

The Plan and Geometry Files should be named according to the data reflected in the files; Duplicate Effective, Corrected Effective, Existing or Revised.

Use only the term *Duplicate Effective* for the Plan and Geometry that reflects the effective information received from the regulating agency. As defined by FEMA, these files should be a copy of the hydraulic analysis used in the effective FIS, also known as the effective model. When we run the copy of the effective model on our computers in an effort to duplicate or match the published information, the respective Plan and Geometry should be labeled *Duplicate Effective*. (Note: In floodway runs, the encroachment Method 1 should be used. If other methods used in the effective model, change to Method 1 in Duplicate Effective model.)

When we add any additional cross sections, correct any errors, or incorporate more detailed topographic information in the Duplicate Effective Model, we should save this Plan and Geometry as *Corrected Effective*. (This would include coding in bridge rail if not shown in the effective model. For guidance, please refer to the document entitled "Bridge Rail Modeling Guidelines in HEC RAS" on our web page).

If man-made topographical changes have occurred since the effective model, we should incorporate these changes in a Plan and Geometry File labeled as *Existing*. In most cases, an *Existing Model* will not be applicable. (Note: For MOA submittals, such changes may be included in the Corrected Effective model without need for an Existing model. However, some situations may warrant the inclusion of an Existing model for clarity.)

When we add our proposed structure and roadway features to the Corrected Effective Model, we should save this Plan and Geometry as *Revised*.